

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Katsuhisa SATOH

Serial No.: 10/031,399

Group Art Unit: 2311

Filed: January 18, 2002

Examiner: CHEN, TIANJIE

For: **DISK PLAYER**

Box Petitions

Honorable Commissioner of Patents
Alexandria, Virginia 22313-1450

PETITION FOR DUPLICATE LETTERS PATENT

Sir:

Applicant hereby requests duplicate letters patent for the above Application.

Applicant submits that the first letters patent was not received by Applicant's representatives.

In particular, Applicant submits that the USPTO's own error caused the letters patent to be mailed to a wrong address and that therefore no fees are due.

On February 24, 2006, a Notice of Allowance was issued. *See* Exhibit 1. The Issue Fee was timely filed on May 19, 2006. In paying the issue fee, Applicant's representative, McGinn IP Law Group, was clearly indicated. *See* Exhibit 2. However, in a June 5, 2006 communication from the USPTO, Application 10/031,399 was erroneously referred to in a communication regarding a different application. As a result, the correspondence address of the present application was improperly and without authorization changed to "General Electric Co." of Pittsfield, MA. That is, the USPTO erroneously conflated the present Application with another application, Application Serial No. 11/031,399. *See* Exhibit 3.

On July 7, 2006, Applicant contacted the USPTO regarding this error. However, by

10/16/2009 RMEBRAHT 00000016 500481 10031399
01 FC:1462 400.00 DA

this time, it appears that the original letters patent were sent to the "General Electric Co." address. Applicant has also filed numerous submissions to the USPTO attempting to inquire of the location of the letters patent and has not received any reply from the USPTO (as shown on the USPTO PAIR website). That is, Applicant filed requests for status on August 17, 2009, July 15, 2008, and January 22, 2008. *See e.g.* Exhibit 4 where the PAIR screen shot of October 14, 2009 Web-page shows no response to Applicant's numerous requests.

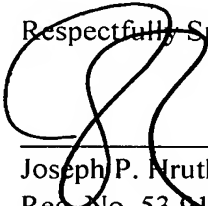
Therefore, Applicant has not received the letters patent only from the USPTO's error and not from any action taken by Applicant. Nor has the USPTO responded to Applicant's previous communications. Therefore, Applicant submits that no fee is due at this time.

In addition, Applicant hereby authorizes the USPTO to charge the fee required under 37 C.F.R. §1.182 of \$400 should it be necessary.

The Commissioner is hereby authorized to charge any deficiency in fees or to credit any overpayment in fees to Attorney's Deposit Account No. 50-0481.

Date: October 15, 2009

Respectfully Submitted,



Joseph P. Nrutka, Esq.
Reg. No. 53,918
Sean M. McGinn, Esq.
Reg. No. 34,386

McGinn Intellectual Property Law Group, PLLC
8321 Old Courthouse Rd., Suite 200
Vienna, Virginia 22182
(703) 761-4100
Customer No. 21254

Enclosures:
Exhibits 1-4



EXHIBIT ONE

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

21254 7590 02/24/2006
MCGINN INTELLECTUAL PROPERTY LAW GROUP, PLLC
8321 OLD COURTHOUSE ROAD
SUITE 200
VIENNA, VA 22182-3817

EXAMINER	
CHEN, TIANJIE	
ART UNIT	PAPER NUMBER
2656	
DATE MAILED: 02/24/2006	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/031,399	01/18/2002	Katsuhisa Satoh	CL-9622	2311
TITLE OF INVENTION: DISK PLAYER				

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	05/24/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or **Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

_____ (Depositor's name)
_____ (Signature)
_____ (Date)

21254 7590 02/24/2006
MCGINN INTELLECTUAL PROPERTY LAW GROUP, PLLC
8321 OLD COURTHOUSE ROAD
SUITE 200
VIENNA, VA 22182-3817

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/31,399	01/18/2002	Katsuhisa Satoh	CL-9622	2311
TITLE OF INVENTION: DISK PLAYER				

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	05/24/2006
EXAMINER		ART UNIT	CLASS-SUBCLASS		
CHEN, TIANJIE		2656	720-604000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1	_____
2	_____
3	_____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.111. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

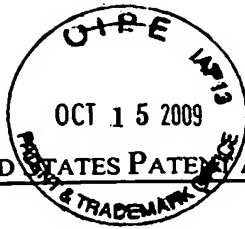
Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/031,399	01/18/2002	Katsuhisa Satoh	CL-9622	2311
21254	7590	02/24/2006	EXAMINER	
CHEN, TIANJIE				
MCGINN INTELLECTUAL PROPERTY LAW GROUP, PLLC 8321 OLD COURTHOUSE ROAD SUITE 200 VIENNA, VA 22182-3817			ART UNIT	PAPER NUMBER
			2656	
DATE MAILED: 02/24/2006				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 363 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 363 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.



Notice of Allowability

Application No.

10/031,399

Examiner

Tianjie Chen

Applicant(s)

SATOH, KATSUHISA

Art Unit

2656

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 01/27/2008.

2. ☒ The allowed claim(s) is/are 4,5,7,10-17,20 and 26.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☒ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20051214.

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____

Chen Tianjie
TIANJIE CHEN
PRIMARY EXAMINER

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:
 - With regard to claims 4, 5, 11, and 12 as the closest reference on record, Takamatsu et al (US 6,493,308) shows a disc player including: positioning unit, clamper unit, and a drive unit, and fit members; **but fails to show** they comprise fit pawls that are integrally formed by bending and erecting.
 - With regard to claims 14, and 15; as the closest reference on record, Takamatsu et al (US 6,493,308) shows a disc player including: positioning unit, clamper unit, and a drive unit, and fit members; **but fails to show** wherein a step plate equipped to the positioning unit and a clamp plate equipped to the clamper unit are engaged with a cam groove of a cam plate movable in parallel to a drive plate equipped to the drive unit and are movable vertically to the drive plate by movement of the cam plate,.
 - With regard to claims 7, 16, and 17; as the closest reference on record, Sakurai (6,345,030) shows a disc player including: positioning unit, clamper unit, and a drive unit, and fit members which are provided to the step plate and the clamp plate and engaged with the cam grooves of the cam plate; **but fails to show that** the positioning unit has a step plate, a G plate which is freely rotatably provided to the step plate and has, at one end thereof, a disc stopper on which a disc can be supported, and a sensor arm having, at one end thereof, an arm rod that can be fitted to the disc, the fitting positions of the other ends of the G plate and the sensor arm being changeable in accordance with plural discs different in diameter so that the discs can be positioned.

Art Unit: 2656

- With regard to claims 10 and 20; as the closest reference on record, Sakurai (6,345,030) shows a disc player including: positioning unit, clamper unit, and a drive unit, and fit members which are provided to the step plate and the clamp plate and engaged with the cam grooves of the cam plate; **but fails to show** that the moving amount of the positioning unit is set so that a vibration-isolation stroke can be kept, and the moving amount of the clamper unit is set so that the vibration-isolation stroke can be kept and the clearance between the clamper unit and the clamper ring for clamping the disc onto the turntable can be kept.
- With regard to claim 26, as the closest reference on record, Sakurai (6,345,030) shows a disc player including: positioning unit, clamper unit, and a drive unit, and fit members which are provided to the step plate and the clamp plate and engaged with the cam grooves of the cam plate; **but fails to show** a disc stopper on which a disc can be supported; and a sensor arm including at one end thereof, an arm rod that can be fitted to the disc, wherein the fitting positions of other ends of the plate and the sensor arm are changeable in accordance with the plurality of discs comprising different diameters such that any one of the plurality of discs including different diameters can be positioned in the direction parallel to the drive unit for rotating by the drive unit.
- Applicant asserts: "According to the present invention, the step plate and the clamp plate are separately provided, and thus the moving amounts of both the plates can be set to different values. That is, the moving amount of the step

plate can be set to such a value that a vibration-isolation stroke can be kept, and the moving amount of the clamp plate can be set to such a value that the vibration-isolation can be kept, and also the clearance between the clamp plate and the clamber ring can be kept" (Specification, pp. 3-4).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tianjie Chen whose telephone number is 571-272-7570. The examiner can normally be reached on 8:00-4:30, Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hoa Nguyen can be reached on 571-272-7579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/031,399
Art Unit: 2656

Page 5

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



TIANJIE CHEN
PRIMARY EXAMINER



EXHIBIT TWO

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or **Fax** (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

21254 7590 02/24/2006
MCGINN INTELLECTUAL PROPERTY LAW GROUP, PLLC
8321 OLD COURTHOUSE ROAD
SUITE 200
VIENNA, VA 22182-3817

05/22/2006 SSANDAR1 00000002 10031399
01 FC:1501
02 FC:1504
03 FC:8001

1400.00 OP
300.00 OP
15.00 OP

(Depositor's name)
HAND DELIVERED
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/031,399	01/18/2002	Katsuhisa Satoh	CL-9622	2311

TITLE OF INVENTION: DISK PLAYER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	05/24/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHEN, TIANJIE	2656	720-604000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

McGinn IP Law Group, PLLC

2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Clarion Co., Ltd.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Tokyo, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 5

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0481 (enclose an extra copy of this form).

Deficiencies Only

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

John B. Dresch, Esq.

Date May 19, 2006

Typed or printed name

Registration No. 46,672

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

EXHIBIT THREE



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/031,399	01/18/2002	Katsuhisa Satoh	CL-9622	2311
7590 06/05/2006				
GENERAL ELECTRIC CO. ONE PLASTICS AVENUE PITTSFIELD, MA 01201				
		EXAMINER CHEN, TIANJIE		
		ART UNIT 2627		
		PAPER NUMBER		

DATE MAILED: 06/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

APPLICATION NO/ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
--------------------------------	-------------	---	---------------------

EXAMINER

ART UNIT	PAPER
----------	-------

20060601

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

The information disclosure statement (IDS) submitted on 05/19/2006 was filed after the mailing date of the Notice of Allowability on 02/24/2006. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.


TIANJIE CHEN
PRIMARY EXAMINER

EXHIBIT FOUR

Patent eBusiness

- ☐ Patent Application Information Retrieval☐ Order Certified Application As Filed ☐ Order Certified File Wrapper ☐ View Order List

- ☐ Electronic Filing
- ☐ Patent Application Information (PAIR)
- ☐ Patent Ownership
- ☐ Fees
- ☐ Supplemental Resources & Support

Patent Information

Patent Guidance and General Info

- ☐ Codes, Rules & Manuals
- ☐ Employee & Office Directories
- ☐ Resources & Public Notices

Patent Searches

Patent Official Gazette

- ☐ Search Patents & Applications
- ☐ Search Biological Sequences
- ☐ Copies, Products & Services

Other

- ☐ Copyrights
- ☐ Trademarks
- ☐ Policy & Law
- ☐ Reports

10/031,399

DISK PLAYER

Select New Case	Application Data	Transaction History	Image File Wrapper	Patent Term Adjustments	Continuity Data	Foreign Priority	Fees	Published Documents	Address & Attorney/Agent
-----------------	------------------	---------------------	--------------------	-------------------------	-----------------	------------------	------	---------------------	--------------------------

This application is officially maintained in electronic form. To View: Click the desired Document Description. To Download and Print: Check the desired document(s) and click Start Download.

Available Documents

Mail Room Date	Document Code	Document Description	Page Count	Select All	Start Download	Clear All
08-17-2009	LET.	Miscellaneous Incoming Letter	1	<input type="checkbox"/>		
07-15-2008	LET.	Miscellaneous Incoming Letter	1	<input type="checkbox"/>		
01-22-2008	PA..	Power of Attorney	13	<input type="checkbox"/>		
07-07-2006	LET.	Miscellaneous Incoming Letter	12	<input type="checkbox"/>		
06-05-2006	CTMS	Miscellaneous Action with SSP	2	<input type="checkbox"/>		
06-05-2006	1449	List of References cited by applicant and considered by examiner	1	<input type="checkbox"/>		
05-19-2006	IFEE	Issue Fee Payment (PTO-85B)	1	<input checked="" type="checkbox"/>		
05-19-2006	IDS	Information Disclosure Statement (IDS) Filed (SB/08)	3	<input type="checkbox"/>		
05-19-2006	FOR	Foreign Reference	37	<input type="checkbox"/>		
05-19-2006	FOR	Foreign Reference	14	<input type="checkbox"/>		
05-19-2006	FOR	Foreign Reference	18	<input type="checkbox"/>		
05-19-2006	NPL	NPL Documents	3	<input type="checkbox"/>		
03-22-2006	BIB	Bibliographic Data Sheet	1	<input type="checkbox"/>		
03-13-2006	LET.	Miscellaneous Incoming Letter	1	<input type="checkbox"/>		
02-24-2006	NOA	Notice of Allowance and Fees Due (PTOL-85)	3	<input checked="" type="checkbox"/>		
02-24-2006	NOA	Notice of Allowance and Fees Due (PTOL-85)	5	<input checked="" type="checkbox"/>		
02-24-2006	EXIN	Examiner Interview Summary Record (PTOL - 413)	2	<input type="checkbox"/>		
02-24-2006	BIB	Bibliographic Data Sheet	1	<input type="checkbox"/>		
02-24-2006	IIFW	Issue information including classification, examiner, name, claim, renumbering, etc.	1	<input type="checkbox"/>		
02-24-2006	FWCLM	Index of Claims	1	<input type="checkbox"/>		
02-24-2006	SRFW	Search information including classification, databases and other search related notes	1	<input type="checkbox"/>		
02-21-2006	SRNT	Examiner's search strategy and results	1	<input type="checkbox"/>		
01-27-2006	A.NE	Amendment After Final	1	<input type="checkbox"/>		
01-27-2006	CLM	Claims	10	<input type="checkbox"/>		
01-27-2006	REM	Applicant Arguments/Remarks Made in an Amendment	2	<input type="checkbox"/>		
01-27-2006	LET.	Miscellaneous Incoming Letter	1	<input type="checkbox"/>		
01-27-2006	XT/	Extension of Time	1	<input type="checkbox"/>		
01-27-2006	WFEE	Fee Worksheet (PTO-875)	1	<input type="checkbox"/>		
12-30-2005	LET.	Miscellaneous Incoming Letter	1	<input type="checkbox"/>		
12-30-2005	REM	Applicant Arguments/Remarks Made in an Amendment	4	<input type="checkbox"/>		
12-23-2005	CTAV	Advisory Action (PTOL-303)	2	<input type="checkbox"/>		
12-23-2005	EXIN	Examiner Interview Summary Record (PTOL - 413)	2	<input type="checkbox"/>		
11-30-2005	A.NE	Amendment After Final	2	<input type="checkbox"/>		
11-30-2005	REM	Applicant Arguments/Remarks Made in an Amendment	15	<input type="checkbox"/>		
10-03-2005	CTFR	Final Rejection	8	<input type="checkbox"/>		
10-03-2005	FWCLM	Index of Claims	1	<input type="checkbox"/>		
10-03-2005	SRFW	Search information including classification, databases and other search related notes	1	<input type="checkbox"/>		

08-02-2005	A...	<u>Amendment/Req. Reconsideration-After Non-Final Reject</u>	1	<input type="checkbox"/>
08-02-2005	CLM	<u>Claims</u>	13	<input type="checkbox"/>
08-02-2005	REM	<u>Applicant Arguments/Remarks Made in an Amendment</u>	15	<input type="checkbox"/>
08-02-2005	XT/	<u>Extension of Time</u>	1	<input type="checkbox"/>
08-02-2005	WFEE	<u>Fee Worksheet (PTO-875)</u>	2	<input type="checkbox"/>
04-04-2005	CTNF	<u>Non-Final Rejection</u>	7	<input type="checkbox"/>
04-04-2005	892	<u>List of references cited by examiner</u>	1	<input type="checkbox"/>
04-04-2005	FWCLM	<u>Index of Claims</u>	1	<input type="checkbox"/>
04-04-2005	SRFW	<u>Search information including classification, databases and other search related notes</u>	1	<input type="checkbox"/>
04-04-2005	SRNT	<u>Examiner's search strategy and results</u>	1	<input type="checkbox"/>
03-15-2005	A.NE	<u>Amendment After Final</u>	1	<input type="checkbox"/>
03-15-2005	CLM	<u>Claims</u>	13	<input type="checkbox"/>
03-15-2005	REM	<u>Applicant Arguments/Remarks Made in an Amendment</u>	3	<input type="checkbox"/>
03-15-2005	LET.	<u>Miscellaneous Incoming Letter</u>	1	<input type="checkbox"/>
03-15-2005	XT/	<u>Extension of Time</u>	1	<input type="checkbox"/>
03-03-2005	CTAV	<u>Advisory Action (PTOL-303)</u>	2	<input type="checkbox"/>
02-11-2005	A.NE	<u>Amendment After Final</u>	3	<input type="checkbox"/>
02-11-2005	CLM	<u>Claims</u>	16	<input type="checkbox"/>
02-11-2005	REM	<u>Applicant Arguments/Remarks Made in an Amendment</u>	13	<input type="checkbox"/>
02-11-2005	WFEE	<u>Fee Worksheet (PTO-875)</u>	1	<input type="checkbox"/>
11-16-2004	CTFR	<u>Final Rejection</u>	10	<input type="checkbox"/>
11-16-2004	FWCLM	<u>Index of Claims</u>	1	<input type="checkbox"/>
11-16-2004	BIB	<u>Bibliographic Data Sheet</u>	1	<input type="checkbox"/>
11-16-2004	SRFW	<u>Search information including classification, databases and other search related notes</u>	1	<input type="checkbox"/>
11-09-2004	SRNT	<u>Examiner's search strategy and results</u>	1	<input type="checkbox"/>
09-03-2004	A...	<u>Amendment/Req. Reconsideration-After Non-Final Reject</u>	2	<input type="checkbox"/>
09-03-2004	SPEC	<u>Specification</u>	2	<input type="checkbox"/>
09-03-2004	CLM	<u>Claims</u>	9	<input type="checkbox"/>
09-03-2004	REM	<u>Applicant Arguments/Remarks Made in an Amendment</u>	10	<input type="checkbox"/>
09-03-2004	NDRW	<u>New or Additional Drawings</u>	10	<input type="checkbox"/>
09-03-2004	WFEE	<u>Fee Worksheet (PTO-875)</u>	1	<input type="checkbox"/>
06-03-2004	CTNF	<u>Non-Final Rejection</u>	7	<input type="checkbox"/>
06-03-2004	892	<u>List of references cited by examiner</u>	1	<input type="checkbox"/>
06-03-2004	1449	<u>List of References cited by applicant and considered by examiner</u>	1	<input type="checkbox"/>
02-17-2004	SRNT	<u>Examiner's search strategy and results</u>	2	<input type="checkbox"/>
02-09-2004	SRNT	<u>Examiner's search strategy and results</u>	1	<input type="checkbox"/>
05-28-2002	IMIS	<u>Miscellaneous Internal Document</u>	1	<input type="checkbox"/>
04-11-2002	M903	<u>Notice of DO/EO Acceptance Mailed</u>	2	<input type="checkbox"/>
01-18-2002	TRNA	<u>Transmittal of New Application</u>	2	<input type="checkbox"/>
01-18-2002	A.PE	<u>Preliminary Amendment</u>	7	<input type="checkbox"/>
01-18-2002	SPEC	<u>Specification</u>	21	<input type="checkbox"/>
01-18-2002	CLM	<u>Claims</u>	2	<input type="checkbox"/>
01-18-2002	ABST	<u>Abstract</u>	1	<input type="checkbox"/>
01-18-2002	DRW	<u>Drawings-only black and white line drawings</u>	9	<input type="checkbox"/>
01-18-2002	OATH	<u>Oath or Declaration filed</u>	2	<input type="checkbox"/>

01-18-2002	IIFW	<u>Issue Information including classification, examiner, name, claim, renumbering, etc.</u>	1	<input type="checkbox"/>
01-18-2002	SRFW	<u>Search information including classification, databases and other search related notes</u>	1	<input type="checkbox"/>
01-18-2002	FWCLM	<u>Index of Claims</u>	1	<input type="checkbox"/>
01-18-2002	TRNA	<u>Transmittal of New Application</u>	2	<input type="checkbox"/>
01-18-2002	136A	<u>Authorization for Extension of Time all replies</u>	2	<input type="checkbox"/>
01-18-2002	DRW	<u>Drawings-only black and white line drawings</u>	9	<input type="checkbox"/>
01-18-2002	SPEC	<u>Specification</u>	22	<input type="checkbox"/>
01-18-2002	CLM	<u>Claims</u>	2	<input type="checkbox"/>
01-18-2002	ABST	<u>Abstract</u>	1	<input type="checkbox"/>
01-18-2002	OATH	<u>Oath or Declaration filed</u>	2	<input type="checkbox"/>
01-18-2002	WFEE	<u>Fee Worksheet (PTO-875)</u>	1	<input type="checkbox"/>
01-18-2002	WFEE	<u>Fee Worksheet (PTO-875)</u>	1	<input type="checkbox"/>
01-18-2002	WCLM	<u>Claims Worksheet (PTO-2022)</u>	1	<input type="checkbox"/>
01-18-2002	IDS	<u>Information Disclosure Statement (IDS) Filed (SB/08)</u>	1	<input type="checkbox"/>
01-18-2002	FOR	<u>Foreign Reference</u>	17	<input type="checkbox"/>
01-18-2002	FOR	<u>Foreign Reference</u>	21	<input type="checkbox"/>
01-18-2002	NPL	<u>NPL Documents</u>	3	<input type="checkbox"/>
01-18-2002	A...	<u>Amendment/Req. Reconsideration-After Non-Final Reject</u>	1	<input type="checkbox"/>
01-18-2002	CLM	<u>Claims</u>	3	<input type="checkbox"/>
01-18-2002	REM	<u>Applicant Arguments/Remarks Made in an Amendment</u>	3	<input type="checkbox"/>
01-18-2002	IMIS	<u>Miscellaneous Internal Document</u>	1	<input type="checkbox"/>
01-18-2002	371P	<u>Documents submitted with 371 Applications</u>	44	<input type="checkbox"/>

If you need help:

- Call the Patent Electronic Business Center at (866) 217-9197 (toll free) or e-mail EBC@uspto.gov for specific questions about Patent Application Information Retrieval (PAIR).
- Send general questions about USPTO programs to the [USPTO Contact Center \(UCC\)](#).
- If you experience technical difficulties or problems with this application, please report them via e-mail to [Electronic Business Support](#) or call 1 800-786-9199.

You can suggest USPTO webpages or material you would like featured on this section by E-mail to the webmaster@uspto.gov. While we cannot promise to accommodate all requests, your suggestions will be considered and may lead to other improvements on the website.

[Home](#) | [Site Index](#) | [Search](#) | [eBusiness](#) | [Help](#) | [Privacy Policy](#)